

We Claim

Sub A' 5 1. In a navigation system, a user interface for  
identifying and displaying as a list those addresses in  
a database having in common at least one user selected  
address component, wherein each address component  
identifies one of a city name, a house/business number,  
10 a street base name, a road type, and a prefix or a  
suffix associated with an address.

2. A user interface according to claim 1, wherein said  
user selected address component is a street base name.

15 3. A user interface according to claim 1, wherein said  
user selected address component is a house number.

20 4. A user interface according to claim 1, wherein said  
user selected address components are a street base name  
and a house number.

25 5. A user interface according to claim 4, wherein the  
user interface generates and displays a list containing  
the name of cities for which said street base name and  
said house number are valid address components; further  
comprising means for said user to select a city name  
from said list.

6. A user interface according to claim 5, wherein if said street base name and said house number are valid address select components for only one city, the user interface displays and selects that city.

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7. A user interface according to claim 1, wherein said user selected address components are a city name, a street base name and a house number.

10 8. A user interface according to claim 7, wherein said user interface generates and displays a list containing addresses for which said city name and said street base name and said house number are valid address components; further comprising means for said user to select an  
15 address from said list.

9. A user interface according to claim 8, wherein if said city name and said street base name and said house number are valid address components of only one address,  
20 the user interface displays and selects that address.

10. A user interface according to claim 6, wherein said user interface generates and displays a list containing addresses for which said system selected city name and  
25 said user provided street base name and house number are valid address components; further comprising means for said user to select an address from said list.

11. A user interface according to claim 10, wherein if  
30 said city name and said street base name and said house

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number are valid address components of only one address, the user interface displays and selects that address.

12. A user interface according to claim 5, wherein said user interface generates and displays a list containing addresses for which said user selected city name and said user provided street base name and house number are valid address components; further comprising means for said user to select an address from said list.

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13. A user interface according to claim 12, wherein if said city name and said street base name and said house number are valid address components of only one address, the user interface displays and selects that address.

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14. A user interface according to claim 2, wherein upon a user entry into the navigation system of each character of a street base name, a list of all street base names containing those characters, in the sequence entered, is updated and displayed.

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15. A user interface according to claim 7, wherein upon a user entry into the navigation system of each character of a city name, a list of all city names containing those characters, in the sequence entered, is updated and displayed.

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16. A method of determining a desired address, comprising the steps of:

generating a list of addresses having in common at  
least one user selected address component, wherein each  
address component identifies one of a city name, a  
house/business number, a street base name, a road type,  
5 and a prefix or a suffix associated with an address; and  
displaying said list for the user to choose an  
address therefrom.

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